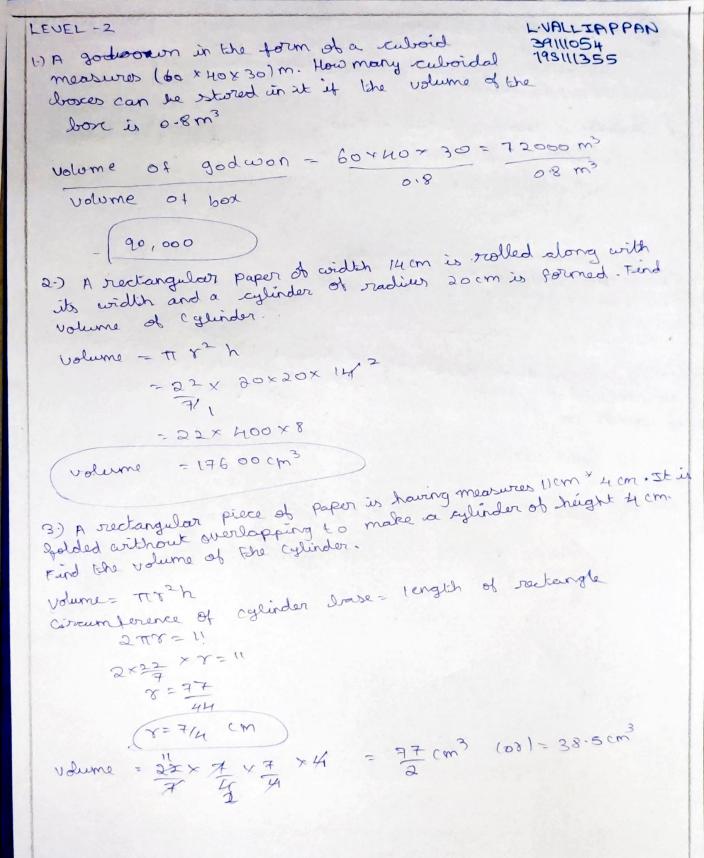
LUALLIAPPAN GEOMENTRY 39111054 1) If each side of a cube is doubled, how many times will its surface area increase 198111355 & Length = L S.A (08) T.SA = 62 = Initial T-SA = 6(21) = 6x412= 2412 if doubled 60 = 2412 1:4 > (Htimes. 2) Find the height of a cuboid whoose base area is 180 cm² and volume to 900 cm3 volume= (bh Volome = 900 Base Area: lxb (xbxh = 900 180 xh = 200 3) A cuboid is of dimension (60×50×30) cm. How many small subord with side of 6cm can be placed in the given cuboid (h = 5 cm volume of cuboid = lxbxh = 60x50x30 = 90,000 volume of cube = (6)3 = 216 No-05. cobes needed = 90,000 = 416-66 216 MIL COPES (complete) 4) find the height of the colinder whoose volume is usum and diameter of base in moom. d= 140 cm => 70 = 0.7 m volome of cylinder = 1.54 m3 volume of cylinder = Try2h 1-54 = 22 x 0-7 x0.7 x. h 1-54 = 2.2 x 0.7 x h 1-54 = 1-54h [N=1 m (08) [N=100 cm

5.) Find the area of trapersium where length of parallel sides are 15 cm and 25 cm and the L.VALLIAPPAN 39111054 199111355 third side measures 12 cm. = 1× (a+b) x lan = = x (15+25) × 12 = = (40) x 12 = 20112 \$240 cm2 6) Find the area of orhombus whose diagonals are 8cm and 10cm = 1×8×10 7) If each side of a rube is doubled, how many times will its volume increase? volume of cobe = 13 > Initial New volume of cube= (2113 =813 => Final £3:813 8) A rectangular osheet of paper is having measures 11cm × 4cm. It is folded without overlapping to make a cylinder of height 4cm.
Find volume 26 cylinder =TT72h sustame of cylinder Circumfebence of makes cylinder {base} = length of Techange 11 = 8TT & シャランメをラリ 8= 77 (2= 3 (W) = 77 cm3 (0x) 38.5 cm3

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L. VALLIAPPAN 4) A square and a rectangle have same perimeter 39111054 If the side of the square is 60 cm and length 195111356 of a rectangle is so m., Then whose area is more and how much. P(Square) = 4 a = 4x60 = 240 p(rectangle) = 2(+2b = 2(1+b) = 2(80+ b) = 160+2b 240= 160 +2b 80= 26 (b=40) Area of Squaresox60 = 36000 m Area of rectanangle = 80x40=320gm2 :- Square area is more by 400m2 5) The once of a quadilateral shaped field is 252 m². The perpendicular perpendiculars dropped on it from the opposite corners on a diagonal are 8 m and 13 m. Find length of the diagonal. Area of quad (ABCD) = Area of (DACD) + Area of (DABC) = = > DEXAC + = BAXAC = 1 RAC (DE + BE) 252 504= ACX21 AC=24m)